## Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

(Withdrawn) A DNA comprising a structure in which any one of DNA
(a), DNA (b), or DNA (c) is placed under the control of a storage protein promoter, wherein DNA (a) comprises a DNA in which a DNA encoding a storage protein signal sequence is added to the 5'-end of a DNA encoding an allergen-specific T-cell epitope peptide and/or a DNA encoding an ER-retention signal sequence is added to the 3'-end thereof;

DNA (b) comprises a DNA encoding a polypeptide in which a storage protein signal sequence is added to the N-terminal of an allergen-specific T-cell epitope peptide and/or an ER-retention signal sequence is added to the C-terminal thereof; and

DNA (c) comprises a DNA encoding a polypeptide having a structure in which an allergen-specific T-cell epitope peptide is inserted into a variable region of a storage protein.

- 2. (Withdrawn) A vector for preparing a plant accumulating a T-cell epitope, wherein said vector comprises the DNA according to claim 1.
  - 3. (Withdrawn) A host cell comprising the DNA according to claim 1.
- 4. (Currently Amended) A method for accumulating an allergen-specific T-cell epitope in an edible part of a plant, wherein said method comprises the step of introducing the DNA according to claim 1 into a plant into said plant a DNA under the control of a storage protein promoter, wherein said DNA comprises a structure selected from the group consisting of:
- (a) a DNA in which a DNA encoding a storage protein signal sequence is added to the 5'-end of a DNA encoding an allergen-specific T-cell epitope peptide and/or a DNA encoding an ER-retention signal sequence is added to the 3'-end thereof;
- (b) a DNA encoding a polypeptide in which a storage protein signal sequence is added to the N-terminal of an allergen-specific T-cell epitope peptide and/or an ER-retention signal sequence is added to the C-terminal thereof; and
- (c) a DNA encoding a polypeptide having a structure in which an allergenspecific T-cell epitope peptide is inserted into a variable region of a storage protein.

- 5. (Original) A method for accumulating a T-cell epitope in a plant, wherein said method comprises the steps of:
  - (a) obtaining a DNA encoding an allergen-specific T-cell epitope peptide;
- (b) adding a DNA encoding a storage protein signal sequence to the 5'-end of the DNA obtained in (a), and/or a DNA encoding an ER-retention signal sequence to the 3'-end thereof; and
- (c) expressing the DNA of (b) under the control of a storage protein promoter in a plant.
- 6. (Original) A method for accumulating a T-cell epitope in a plant, wherein said method comprises the steps of:
  - (a) obtaining a DNA encoding an allergen-specific T-cell epitope peptide; and
- (b) inserting the DNA of (a) into a DNA region encoding a variable region of a plant storage protein to express the DNA.
- 7. (Previously Presented) The method according to claim 4, wherein said allergen is a Japanese cedar pollen allergen.
- 8. (Original) The method according to claim 7, wherein said Japanese cedar pollen allergen is Cry j1 and Cry j2.
  - 9.-10. (Cancelled).
- 11. (Withdrawn) A transgenic plant produced by the method according to claim 4, wherein said plant comprises a T-cell epitope accumulated therein.
- 12. (Withdrawn) A transgenic plant which is a progeny or a clone of the plant according to claim 11.
  - 13. (Withdrawn) A cell derived from the plant according to claim 11.
  - 14. (Withdrawn) A breeding material of the plant according to claim 11.

- 15. (Withdrawn) A seed of the plant according to claim 11.
- 16. (Withdrawn) The seed according to claim 15, wherein said seed is thermostable.
- 17. (Withdrawn) The transgenic plant according to claim 11, wherein said plant comprises rice having a T-cell epitope accumulated therein.
- 18. (Withdrawn) A food composition for treating or preventing an allergic disease, wherein said food composition comprises the seed according to claim 15 as an effective ingredient.
- 19. (withdrawn) The food composition according to claim 18, wherein said allergic disease is a type I allergy.
  - 20. (Cancelled).
- 21. (Currently Amended) A method of producing a rice <u>plant comprising a having an allergen-specific</u> T-cell epitope accumulated therein in an edible part thereof using the method according to claim [[10]] <u>4</u>, wherein said plant into which said DNA under the control of a storage protein promoter is introduced comprises a rice plant.
- 22. (Withdrawn) A rice comprising an allergen-specific T-cell epitope accumulated in albumen, wherein said rice comprises the DNA according to claim 1.
- 23. (Withdrawn) A food/drink product comprising the rice according to claim 22, wherein said product has an activity associated with the prevention, treatment, or alleviation of an allergic disease.
- 24. (Withdrawn) The rice according to claim 22, wherein said allergen is a pollen allergen.

- 25. (Withdrawn) A food/drink product comprising the rice according to claim 24, wherein said product has an activity associated with the prevention, treatment, or alleviation of pollinosis.
- 26. (Previously Presented) The method according to claim 5, wherein said allergen is a Japanese cedar pollen allergen.
- 27. (Previously Presented) The method according to claim 6, wherein said allergen is a Japanese cedar pollen allergen.
- 28. (Previously Presented) The method according to claim 26, wherein said Japanese cedar pollen allergen is Cry j1 and Cry j2.
- 29. (Previously Presented) The method according to claim 27, wherein said Japanese cedar pollen allergen is Cry j1 and Cry j2.
  - 30.-33. (Cancelled).
  - 34. (Withdrawn) A cell derived from the plant according to claim 12.
  - 35. (Withdrawn) A breeding material of the plant according to claim 12.
  - 36. (Withdrawn) A seed of the plant according to claim 12.
- 37. (Withdrawn) The seed according to claim 36, wherein said seed is thermostable.
- 38. (Withdrawn) A food composition for treating or preventing an allergic disease, wherein said food composition comprises the seed according to claim 16 as an effective ingredient.

- 39. (Withdrawn) A food composition for treating or preventing an allergic disease, wherein said food composition comprises the rice according to claim 22 as an effective ingredient.
  - 40. (Withdrawn) A host cell comprising the vector according to claim 2.
- 41. (Currently Amended) A method for accumulating an allergen-specific T-cell epitope in <u>an edible part of</u> a plant, wherein said method comprises the step of introducing the vector according to claim 2 into a plant a vector comprising a DNA under the control of a storage protein promoter, wherein said DNA is selected from the group consisting of:
- (a) a DNA in which a DNA encoding a storage protein signal sequence is added to the 5'-end of a DNA encoding an allergen-specific T-cell epitope peptide and/or a DNA encoding an ER-retention signal sequence is added to the 3'-end thereof;
- (b) a DNA encoding a polypeptide in which a storage protein signal sequence is added to the N-terminal of an allergen-specific T-cell epitope peptide and/or an ER-retention signal sequence is added to the C-terminal thereof; and
- (c) a DNA encoding a polypeptide having a structure in which an allergenspecific T-cell epitope peptide is inserted into a variable region of a storage protein.
- 42. (Withdrawn) A transgenic plant produced by the method according to claim 5, wherein said plant comprises a T-cell epitope accumulated therein.
- 43. (Withdrawn) A transgenic plant produced by the method according to claim 6, wherein said plant comprises a T-cell epitope accumulated therein.

## 44.-45. (Cancelled).

46. (Withdrawn) A pharmaceutical composition for treating or preventing an allergic disease, wherein said pharmaceutical composition comprises the seed according to claim 15 as an effective ingredient.

- 47. (Withdrawn) A pharmaceutical composition for treating or preventing an allergic disease, wherein said pharmaceutical composition comprises the seed according to claim 16 as an effective ingredient.
- 48. (Withdrawn) A pharmaceutical composition for treating or preventing an allergic disease, wherein said pharmaceutical composition comprises the rice according to claim 22 as an effective ingredient.